thereof. The present embodiments are therefore to be considered in all respects as illustrative and not restrictive, the scope of the invention being indicated by the appended claims rather than by the foregoing description and all changes which come

5 within the meaning and range of equivalency of the claims are therefore intended to be embraced therein.

What is claimed is:

1. A method of writing information for supporting still picture of data stream recorded in an optical disk, comprising

10 the steps of:

(a) writing still information indicating that a video data stream section is to be presented in a still picture; and

(b) writing information in a cell on whether there is a still picture in a stream object containing the video data

15 stream section, the cell being linked with the stream object.

2. The method set forth in claim 1, wherein said step (b) further writes information indicating the location of the video data stream section in the cell.

3. The method set forth in claim 1, wherein said step (a)

20 writes the still information in a header of a sector in which the video data stream section is written.

4. The method set forth in claim 1, wherein the video data stream section to be presented as a still picture consists of Infra-coded picture data and predictive picture data.

25   5. A disk device comprising recorded video data stream, still information indicating that a video data stream section among the recorded video data stream is to be presented as a still picture, and information written in a cell on whether there is a still picture in a stream object containing the video

30 data stream section wherein the cell is linked with the stream object.

6. The disk device set forth in claim 5, further comprising information indicating the location of the video

data stream section, the location information being written in the cell.

      7. The disk device set forth in claim 5, wherein the still information is written in a header of a sector in which the video
5 data stream section is written.

      8. A method of writing information for supporting still picture of data stream recorded in an optical disk, comprising the steps of:

      (a) recording video data in a streaming format; and
10   (b) writing a transport packet indicating that a data section among the recorded video data is a still picture at a neighboring side of the data section, wherein the contents of the transport packet is not decoded when reproducing the recorded video data.

15   9. A disk device comprising video data recorded in a streaming format, and a transport packet indicating that a data section among the recorded video data is a still picture, wherein the transport packet is written at a neighboring side of the data section and the contents of the transport packet
20 is not decoded when reproducing the recorded video data.

      10. A data reproducing method for supporting still picture of data stream recorded in an optical disk, comprising the steps of:

      (a) checking whether a video data reproduced from the
25 disk is corresponding to a still picture; and

      (b) conducting an iteration of transmitting a predictive picture data of the reproduced video data repeatedly after transmitting the reproduced video data based on the checked result.

30   11. The method set forth in claim 10, wherein the iterative transmission ratio of the video data to the predictive picture data is 1:N wherein N is greater than 1.

      12. The method set forth in claim 10, wherein said step

(b) transmits header information only without sending the predictive data when transmitting the predictive picture data repeatedly.

13. The method set forth in claim 10, wherein said step (b) conducts the transmitting iteration during still time specified in still information written in the disk.

14. The method set forth in claim 10, wherein said step (b) conducts the transmitting iteration until a user requests release of still mode.